KINGSWOOD URBAN DISTRICT COUNCIL OOO

A N N U A L R E P O R T

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR

1951





MEMBERS OF THE KINGSWOOD URBAN DISTRICT COUNCIL

1951

Chairman

Mr. J. Thompson, J.P., (to 24/5/51) Mr. A.F. Hall, J.P., (from 24/5/51)

Mrs. E.A. Griffiths

Members

Mr. W. Barnett
Mr. E.G. Critchley
Mr. D. Evans
Mr. G.C.G. Jay
Mr. A. Jefferies, J.P.
Dr. I. Macdonald

Mr. G.G. Macdonald Mr. G.H. Montacute

Mr. J.H. Murphy

Mr. R.W. Parslow

Mr. F.G. Powell, J.P. Mr. O.A. Webb

Members of Health and Housing Committees 1951

Health

Chairman Mrs. E.A. Griffiths

Mr. A.F. Hall, J.P. Mr. W. Barnett Mr. E.G. Critchley Dr. I. Macdonald

Mr. G.G. Macdonald Mr. J.H. Murphy

Housing

Chairman Mr. W. Barnett

Mr. A.F. Hall, J.P.

Mrs. E.A. Griffiths
Mr. E.G. Critchley
Mr. G.C.G. Jay
Mr. R.W. Parslow
Mr. J. Thompson

Public Health Staff

Medical Officer of Health, who is Medical Officer of Health to the South Gloucestershire Combined (M.O.H.) Districts:

JAMES MENZIES CORMACK, M.B., Ch.B., D.P.H., D.P.A., (Appointed 1st May, 1938)

Senior Health Inspector; Housing Officer; Cleansing Officer (who also executes duties under Shops Act, Petroleum Act and Factories Act):

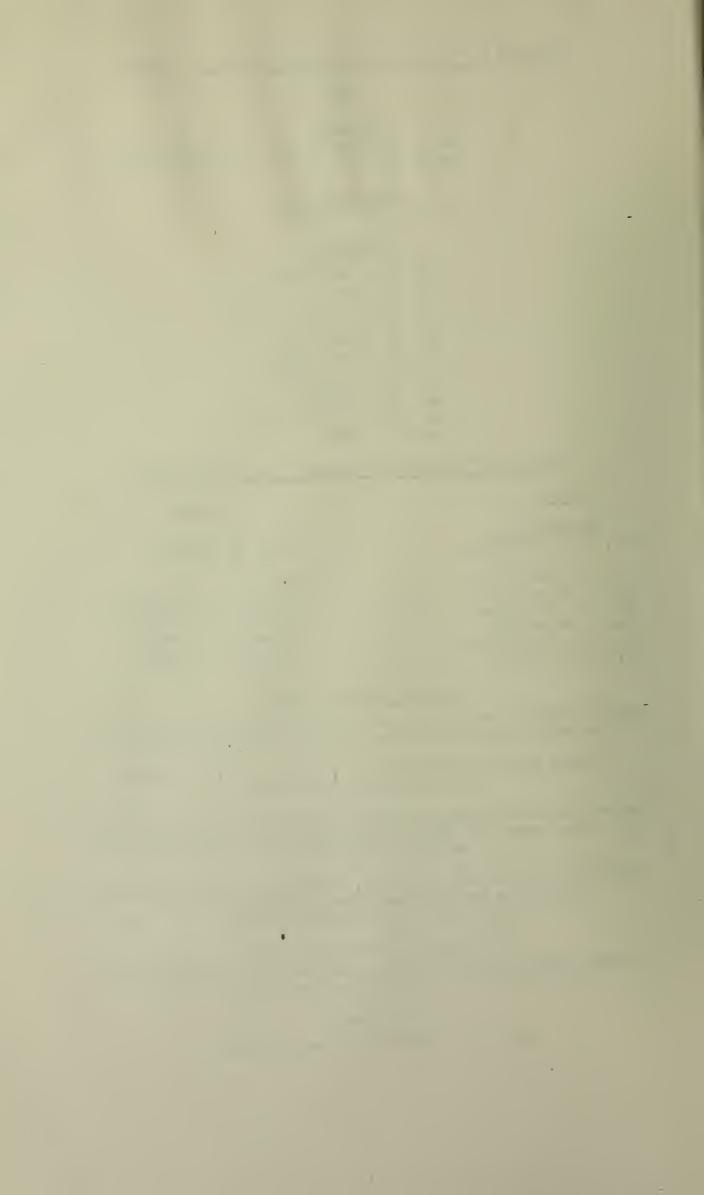
GEORGE EWART CURTIS, F.S.I.A., M.R.San.I., (Cert.Sanitary Inspector and Meat and Food Inspector) (Appointed 18th September, 1933)

Assistant Health Inspector:

HOWARD JAMES BRYANT, M.S.I.A., M.R. San.I., (Cert. Sanitary Inspector and Meat and Food Inspector)

Secretary

MRS. J.M. SWEETING (from 1/2/49)



ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR

THE KINGSWOOD URBAN AREA

FOR THE YEAR 1951

000

To the Chairman and Members of the Kingswood Urban District Council.

Mr. Chairman, Lady and Gentlemen,

I have pleasure in submitting my Annual Report on the work of the Public Health Services for the year 1951. The report is the 57th of the series presented to the Council since the formation of the Urban District in 1894 and is submitted in accordance with the requirements of the Ministry of Health, based on figures supplied by the Registrar General.

1. STATISTICS AND SOCIAL CONDITIONS OF THE AREA

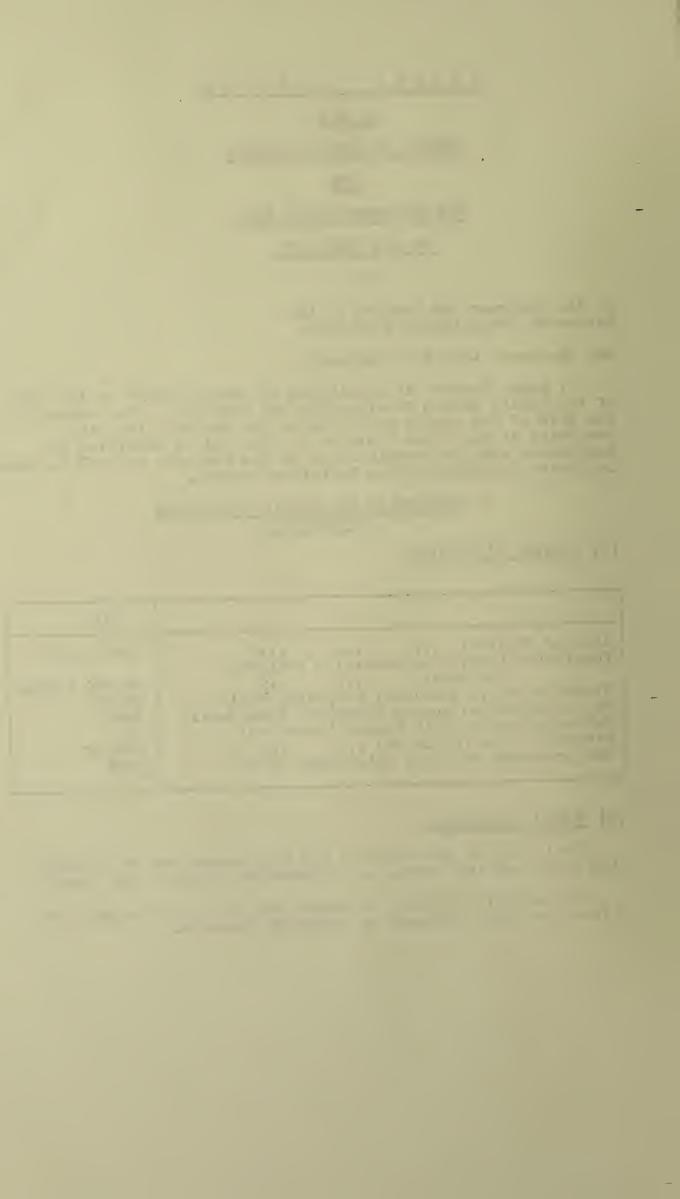
(a) General statistics

	1951
Area of district Population (Registrar General's estimate mid-year) Elevation above sea-level (Hopewell Hill) No. of inhabited houses December (Rate Books) Estimated No. of void houses (December) Rateable value (21/12/51) Sum presented by penny rate (year 50/51)	1530 acros 19,000 approx 373ft 5572 17 £90,587 £349

(b) Social conditions

The health of the district has been maintained at a fairly high level and the incidence of infectious disease was normal.

The Council's Housing Programme has been fully maintained within the limits imposed by necessary controls.



		Cause of Death		Under 7 vr.	1-5	5-15	15-25	25-45	45-65	65-75	75 & over	Total
Sphilition of sease. 2 2 2 2 2 2 2 2 2		Tuberculosis, respiratory.	 l	, I	ı	I	- -	2	5	-	J	α
## Sphilitic disease. ## Sphilitic disease. ## Sphilitic disease. ## Norther Couch. ## Norther Couch. ## Acute Policyalities. ## Acute Policyality. ## Acute Policyality.	(a	Thiberenlosis.	Q	ı	ı	ı		- 1	1	ı	ı) [
Diphthemis.	33	Syphilitic dis	3	ı	1	ı		ı	H	ı	ı	
Whopping Cough. Wanter Bollows Strong Cough. Wanter Bollows Strong Cough. Wanter Bollows Strong Cough. Wanter Bollows Strong Cough. Wanter Bollows Cough. Wanter	4		4	1	1	J	ı	ı	ı	ı	ı	l 1
Maning_coccal infections.	5	Whooping	ك	ı		ı	ı	1	1	ı	ı	ı
Manuel Pollouyellitis. Nature Pollouyellitis. Nature Pollouyellitis. Nature Pollouyellitis. Nature Infective and persattic diseases. Nature Infective Infection Nature In	9		9	ı	1	ı	ı	1	ı	ı	1	· 1
All other states and parasitic diseases. B	7		2	1	ı	1	ı	1	1	ı	1	
Other infective and parasitic diseases. Mailgnant neoplesm, stomach. 10 10 10 10 10 10 10 1	ω	Measle	Φ	1	1	I	ı	ı	ı	ı	1	-1
Mailgnant neoplasm, stomach. 10 1 1 1 5 2 1 5 5 5 5 5 5 5 5 5	0	Other infective and parasitic	0	ı	ı	I	ı	1	ı	1	ı	1
Mailgrant neoplasm, lung, bronchus.	10.	Malignant neoplasm, stomach.	0	1	1	1	ı	<u></u>	വ	cv.	J	ω
Mailgmant nooplasm, breast. 12 13 15 16 17 18 18 18 18 18 18 18	11.	lung,		ı	ı	ı	ı	ı	3	03	ı	τύ
Wallgmant neoplesm, uterus. 14 - -	12.	neoplasm,	12	ı	1	ı	1	ı	Ø	ı	<u></u> -l	83
Other malignant & lymphatic neoplasms. 14	13.	neoplasm, uterus.	13	·	;	ı	1	ı	ı	Q	ı	Q
Louksemile, albeits and learness and learness of nervous system.	14.	Other malignant & lymphatic	14	1	1	ŧ	ı	1	ω	ω	8	24
Diabetes. Diabetes. Diabetes. Occasions of nervous system. 17 17 18 19 19 19 19 19 19 19	15	Leukaemia, aleukaemia.	15	. 1	1	ı	ı	-	ı	ı	ı	- -i
. Vascular lesions of nervous system. . Vascular lesions of nervous system. . Coronary disease, angina. . Chyer chard isease, angina. . Other circulatory disease. . Other circulatory disease. . Influence. Bronchitis. Bronchitis. Dronchitis and duddenur. . Chard iseases of respiratory system. . Chard iseases of res	16.	Diabetes.	16	1	ı	ı	ı		<u>~</u>	ı	ı	~ !
Coronary disease, mgina. 18 - - -	17.	lesions of nervous	17	ı	1	1	ı	ı	ω	9	17	31
Hypertension with heart disease. Other heart disease. Other circulatory disease. Other circulatory disease. Influencia. Other circulatory disease. Example of the circulatory disease. Example		Coronary discase, angina.	18	1	1	ı	ı	cv	4	10	ಬ	21
Other heart disease. Other circulatory disease. Other circulatory disease. Other circulatory disease. Definition of wer. Other circulatory disease. 21	19		19	ı		ı	ı	1	<u>~</u> 1	€2	cv.	2
Other circulatory disease. Other circulatory disease. Influenza. Influenza. Endmicide and operations of war. Other diseases of respiratory system. 22 3 3 3 4 10 24 5 5 5 7 17 25 1 1 1 1 2 1 26 1 1 1 1 2 2 10 castrifts, and distribute. 27 1 1 1 1 2 2 10 cher diseases of respiratory system. 28 1 1 1 2 2 Naphrhitis and nephrosis. Naphrhitis and nephrosis. System of the confidential and distribute. Congenital malformations. Other defined and ill-defined diseases. System of war. System of war. System of war. System of war.	20°	Other heart disease.	50	ı	ı	ı	ı	ı	တ	14	35	82
Influenza. East of the properties of respiratory system. East of the properties and discrete of the properties	21.	Other circulatory disease.	27	1		ı	ı	J	- -I	H	23	വ
Pheumonia. Pheropher diseases of respiratory system. Pheropher of stomach and duedenum. Pheropher of stomach and dispersions. Pheropher of prostato. Pheropher of prostato. Prognancy, childbrith, abortion. Pheropher of prostato. Prognancy, childbrith, abortion. Pheropher of prostato. Pheropher of prostato. Pheropher of prostato. Pheropher of prostato. Pheropher of prostators. Pheropher of prostators	22	Influenza.	22	ı	1	1	ı	ı	ı	23	Ω	വ
bronchitis. bronchitis. cher diseases of respiratory system. cher diseases of respiratory system. 255 1	23		23	ı	ı	ı	ı	ı	23	83	4	01
Other diseases of respiratory system. Other diseases of respiratory system. Ulcer of stomach and duedenum. Gastritis, enteritis and disrrhoes. Restritis, enteritis and disrrhoes. Secondary of includential abortion. Congenital malformations. Congenital malformations. Secondary of includential accidents. Motor vohicle accidents. All other accidents. All other accidents. Homicide and operations of war. Secondary of war. Congenital malformations of war. Secondary of war. Congenital malformations of	24.			1	ı	1	ı	ı	ഹ	വ	۵	17
Ulcer of stomach and duedenur.	25.	Other diseases of respiratory	25	ı	1	ı	ı	ı		- -I	1	cù
Gastritis, enteritis and diarrhoea. Nephritis and nephrosis. Hyperplasia of prostate. Program cy, childbrith, aborticn. Congenital malformations. Other defined and ill-defined diseases. All other accidents. All other accidents. Signature and operations of war.	26.		58	1	1	ı	1	ı	ı	r-l	r-I	လ
Nephritis and nephrosis.	27.		27	ı	ı	ı	ı	ı	H	 1	H	53
Hyperplasia of prostate. Pregnancy, childbrith, aborticn. Congenital malformations. Congenital malformations. Other defined and ill-defined diseases. 32	28.	Nephritis and nephrosis.	88	ı	1	ı	ı	ı	 -!	Q	- -l	4
Prognancy, childbrith, abortion. Congenital malformations. Congenital malformations. Other defined and ill-defined diseases. 32 5 1 1 1 3 4 2 4 21 Noter defined and ill-defined diseases. 33 1 1 1 - 1 2 1 - 2 All other accidents. Shicide. Homicide and operations of war.	29.	Hyperplasia of prostate.	62	1	ı	ı	ı	1	ı	ı	હ્ય	
Congenital malformations. 51 2	30.	Prognancy, childbrith, abortion.	30	2	ı	1	ı	1	ı	ı	1	
Other defined and ill-defined diseases. 32 5 1 1 1 3 4 2 4 4	31.		31	cv	1	ı	ı	ı	I.	ı	ı	Q
Motor vehicle accidents. All other accidents. Shicide. Homicide and operations of war.	32.	ined	32	ಬ		~	- -J	23	4	cv	4	21
All other accidents. Slicide. Homicide and operations of war.	333	r vehicle	33	ı	ı	1	~	ı	ı	႕	ı	Q
. Wicide and operations of war.	154.	All other accidents.	34	<u></u> -l	 -	1	1	 -!	r-i	ı	1	4
• Homicide and operations of war.	55.50	* .	35	1	ı	ı	ı	 -!	cv.	<u>-</u> -	ı	4
	56	and operations of	36	ı	ı	1	1	1	1	1	ı	1

TABLE SHOWING PRINCIPAL CAUSES OF DEATH, 1951



Total Deaths N:1 cases admitted to Hosp. Cases 20 18 2 Total | 65 399 267 8 4 α Q 65 & over 0 2 Q 45-65 2 35-45 4 15-20 | 20-35 2 4 Q 10-15 15 9 9 3 5-10 35 98 14 148 4-5 S 46 13 64 3-4 40 7 8 2-3 35 45 Q ∞ 1-2 29 2 38 Under 1 g 16 Whooping Cough Scarlet Fever Poliomyelitis Di.phtheris Disease Erysipelas TOTALS Pheumonia Measles

Table showing Incidence of Infectious Disease in Age Groups, 1951



Table showing Incidence of Infectious Disease in Wards, 1951

Disease	North	South	East	West	Mount Hill
Diphtheria	-	-	-	-	-
Scarlet Fever	9	6	16	27	7
Measles	55	47	84	65	16
Whooping Cough	11	26	9	12	. 1
Pneumonia	-	-	-	3	1
Erysipolas	LEQ.	1	-	CARD	1
Poliomyelitis	1	-	1	6 0	-
Meningitis	-	-	-	Pri	-
Puerperal Fover	_	•	900	t-w	-
Food Poisoning		_	-	-	-

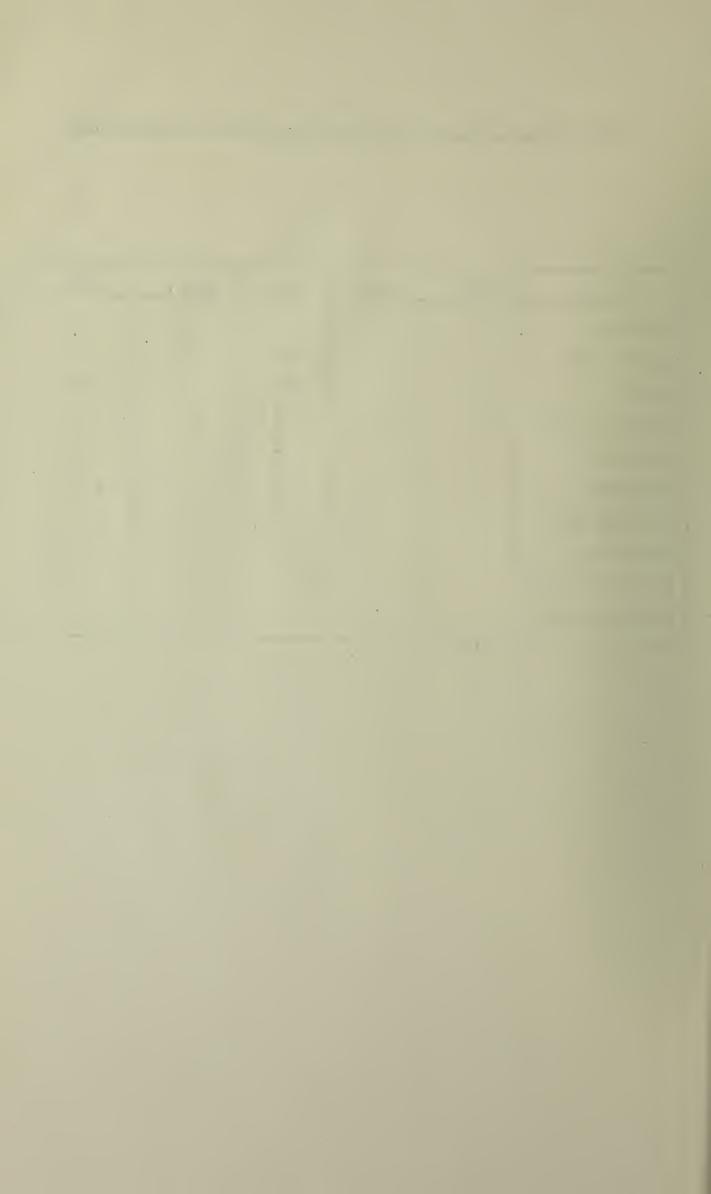


Table showing New Cases and Deaths (Tuberculosis) In Age Groups

1951

		NEW	CASES			DE	ATHS	
AGE	Resp	iratory	Non- Resp:	iratory	Resp	irator	Non- y Resp	i ratory
	M	F	M	F	IV.	F	M	F
Under l year	-	ero .	-			-	Secon	era
1 ≈ 5 years		-	_	-	_	-	-	-
5 - 15 years	2	2	3	-	_	-	-	•••
15 - 25 years	3	3	פרט	1	763	2	823	**
25 - 35 years	3	1	=	-	_	1	-	1
35 - 45 years	3	-	-	-	1		-	-
45 - 55 years	4	2	-	-	3	1	6 -4	Serg .
55 - 65 years	1	~~	-	1	-	-	-	-
65 upwards	_	-	-	-	-	-	-	-
TOTALS	16	8	3	2	4	4	-	1

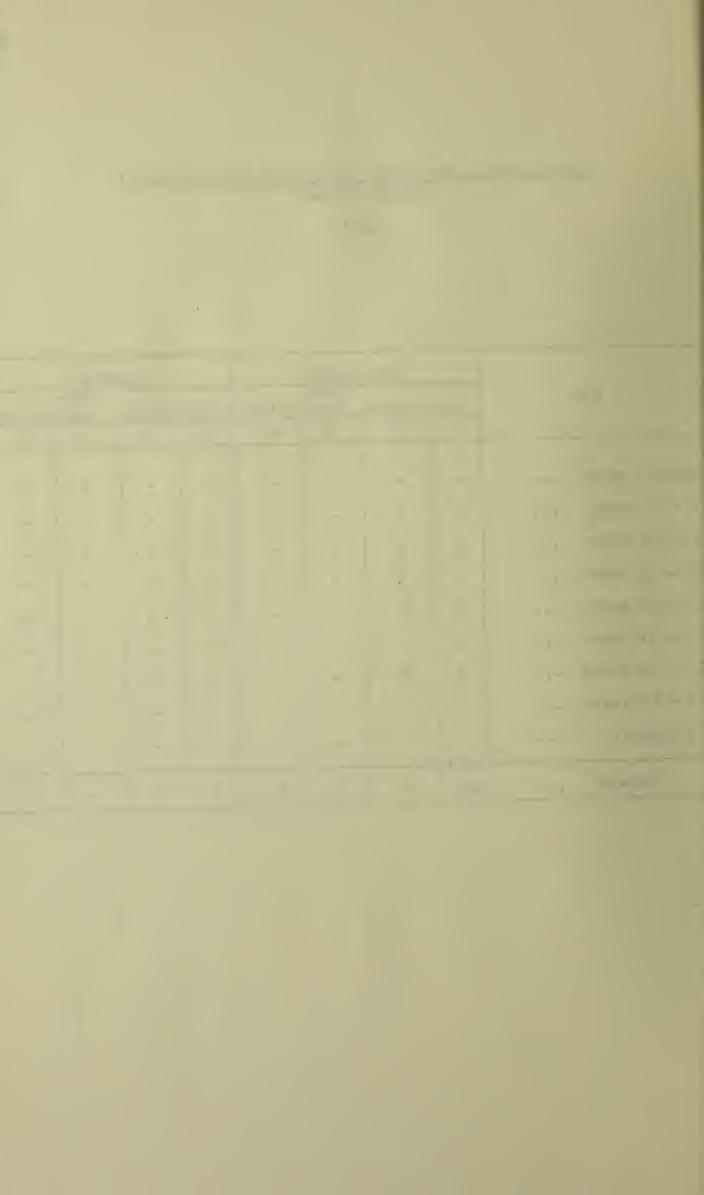
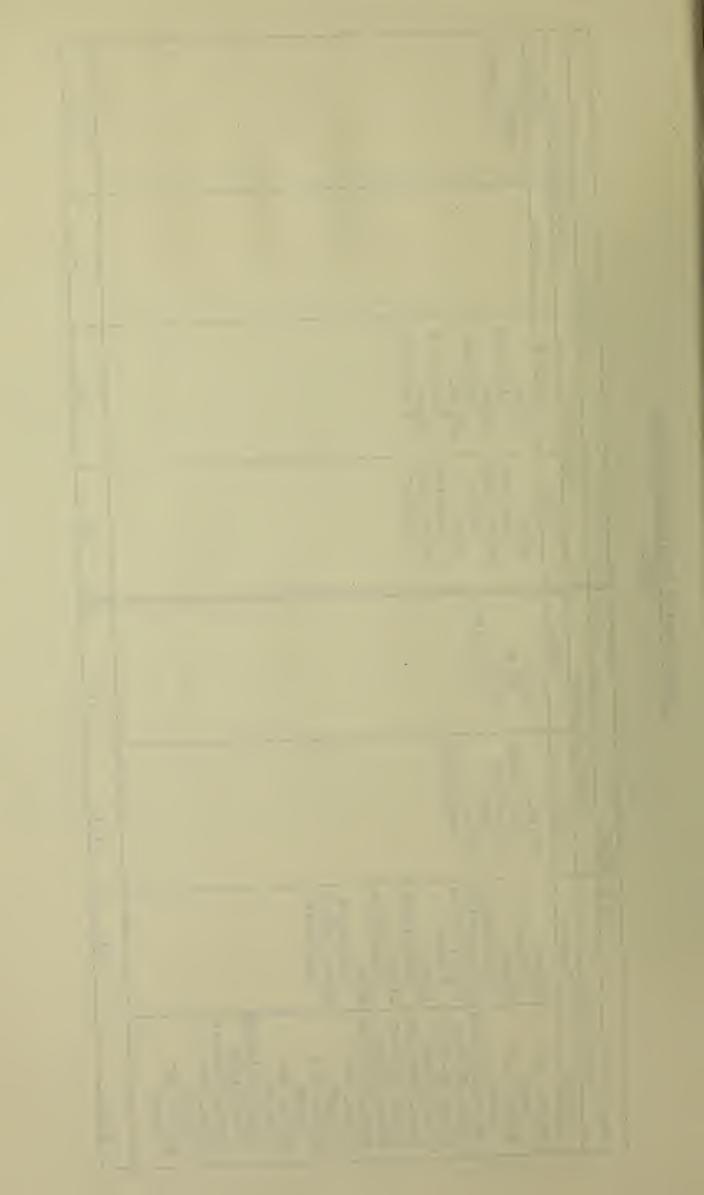


Table showing Tuberculosis Cases

	Non-Respiratory	Femalo	33yrs. Housewife	(1)
HS	Non-Res	Male		I
DEATHS	Respiratory	Female	Zoyrs. Tailoress 21yrs. Machinist 46yrs. Housewife 53yrs.	(4)
	Respi	โลโอ	50yrs. Engineer 53yrs. Taxi Driver 42yrs. Labourer 59yrs. Boot	(4)
	ratory	Female	Spine 2 Oyrs. Moningitis	(2)
CASES	Non-Respiratory	Wale	l5yrs. Peritoneum 6yrs. Hilar Glands 6yrs. Meningitis	(3)
NI; W C.	o r.y	Femal e	48yrs. Housewife 28yrs. Housewife 19yrs.Typist 20yrs.Office Worker 10yrs. Schoolgirl 11yrs. Schoolgirl 47yrs. Housewifs 19yrs.Corect itachinist	(8)
	Respiratory	Male	62yrs. not known 40yrs. not known 50yrs. Engineer 19yrs. Soldier 27yrs. Ex-Royal Artillery 8yrs. Schoolboy 48yrs. Butcher 56yrs. Clark 6yrs. Clark 6yrs. not known 70yrs. not known 50yrs. not known 52yrs. not known 16yrs. not	(16)



Prescribed particulars which are required by section 128(3) of the Factories Act 1937, with respect to matters which are administered by the District Council.

1. INSPECTIONS FOR PURPOSES OF THE PROVISIONS AS TO HEALTH (INCLUDING INSPECTIONS MADE BY SANITARY INSPECTOR).

	Number	Nur	mber of	
Premises	on Register	Inspéctions	Written Notices	Occupiers Prosecuted
l.Factories in which sections 1,2,3,4,&6 are to be enforced by Local Authorities	86	68	.15	-
2. Factories not included in (i) in which section 7 is enforced by the Local Authority.	14	-	-	•
3. Other premises under the Act (excluding out-workers premises)	, 	-	-	••
TOTALS	100	68	15	-

2. CASES IN WHICH DEFECTS WERE FOUND.

Donate's and Journ		cases in v were for	ınd.		No. of cases in which prosecu-
Particulars ·	Found	Remedied	To H.M. Insp'r.		tions were
Want of cleanliness	11	11	e so	8	-
Overcrowding		ang .	es ·	-	—
Unreasonable temp~ erature	8129	•	-	-	_ :
Inadequate ventilation	en e	ena	-	-	-
Sanitary Conveniences					
(a) Insufficient	2	2		-	•
(b) Unsuitable or defective	7	7	-	5	tra
(c) Not separate for sexes	ęsa.	-	-	_	4
Other offences		tries	ten		-
TOTALS	20	20	•	13	15

MEAT AND OTHER FOODS

No slaughterhouses are in operation in the district but routine visits have been made to food premises. Whatover unsound food was reported was dealt with by the issue of informal surrender notes.



The Counties Public Health Laboratories

66 Victoria Street, London, S.W.l.

Ref: G/WW/71

Analysis of a sample of water received 2.1.51 from West Gloucestershire Water Company. Labelled California Pumping Station, output water tap in softening house. Date: 1.1.51. llam. Taken by W. Whittern. Witness W. Anstee. Signed. W. Whittern.

Chemical results expressed in parts per million

Appearance: Clear and bright.

Nil. Colour:

Taste: Normal. Free Carbon Dioxide:

Alkalinity as Ca CO3: 330.

24.

Turbidity: Nil. Nil. Odour:

7.3 pH:

Electric conductivity: 100.

Ca	Mg	Na	C03	S04	Cl	NO3	Si 02	Hypothetical Combinat	ions
63	16.3	164	198	140	70	11	10	11, 10 0110 01 0011	
63			95					Calcium carbonate	158
	16.3		40			,-		Magnesium carbonate	56
		48	63			E		Sodium carbonate	111
		67		140		Y	,	Sodium sulphate	207
	-	45			70			Sodium chloride	115
		4				11		Sodium nitrate	15
							10	Silica	10
								Difference	1 8
			Total	colid	const	ituent	s drie	ed at 180°C.	690

0. Hardness - Total Ø: 225. Carbonate: 225. Non-carbonate:

Nitrate Nitrogen: 2.4. Nitrite Nitrogen: Less than 0.01.

Ammoniacal Nitrogen: 0.000. Oxygen absorbed: 0.30.

Albuminoid Nitrogen: 0.000. Residual Chlorine: Absent.

Metala: Absent.

Fluoride (F):

0.3.

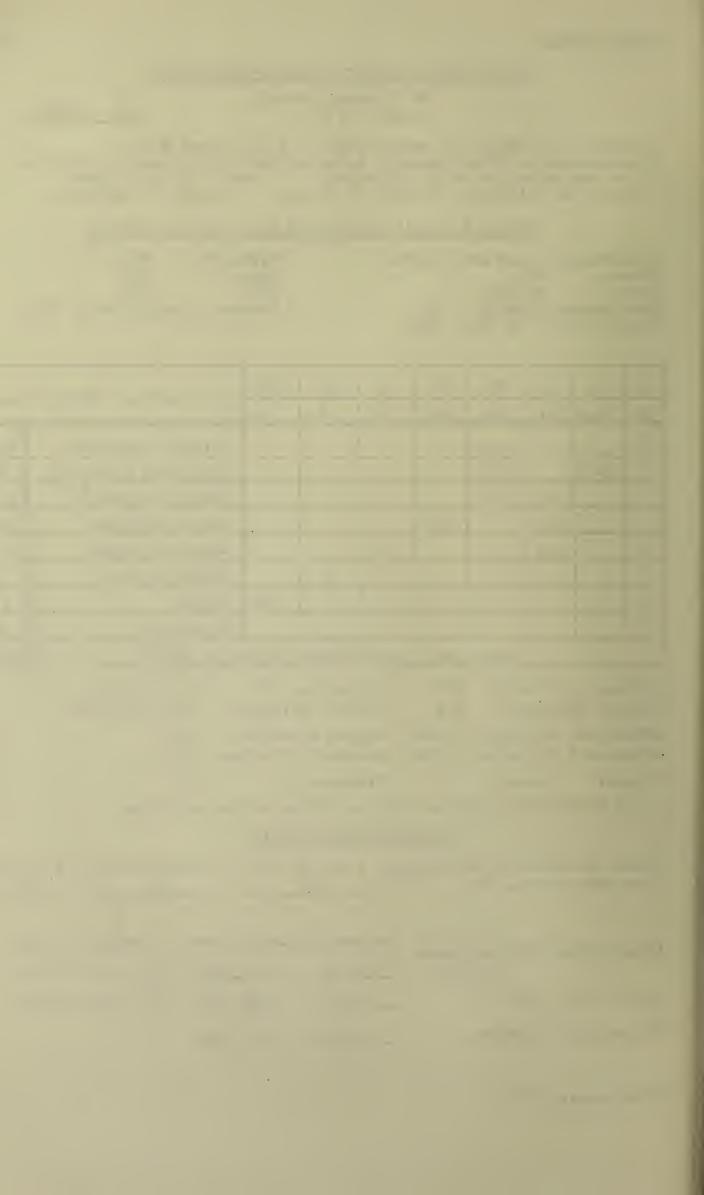
 $oldsymbol{arrho}$ Calculated from the calcium and magnesium contents.

Bacteriologial results

Number of Colonies developing (1 day at 37°C. 2 days at 37°C. 3 days at 20° on Agar per ml. in

Present in Absent from Probable number Prosumptive Coli-aerogenes Reaction ml. o per 100 ml. ml. 1.00 Bact. coli. (Type 1) ml. 100 ml, 0 per 100 ml. Cl. welchil Reaction - ml. 100 ml.

16th Jenuary 1951.



The Counties Public Health Laboratories

66 Victoria Street, London, S. Wl.

Rof: G/WW/67.

Analysis of a sample of water received 2.1.51 from West Gloucestershire Water Company. Labelled Shipton Moyne. Consumer's tap, chlorinated water. (After acration.) Date: 1.1.51. 11.00 am. Taken by C. W. Hooper. Witness - Signed: C. W. Hooper.

Chomical results expressed in parts per million

Appearance: Slight opalescence with a slight flocculent deposit containing iron oxide together with short filaments of leptothrix.

Turbidity: 4. Colour: Filtered. Nil. Odour: Nil.

Tasto: Normal. pH: 7.5. Free Carbon Dioxide: 11.

Electric conductivity: 610. Aklalinity as Ca CO3: 235.

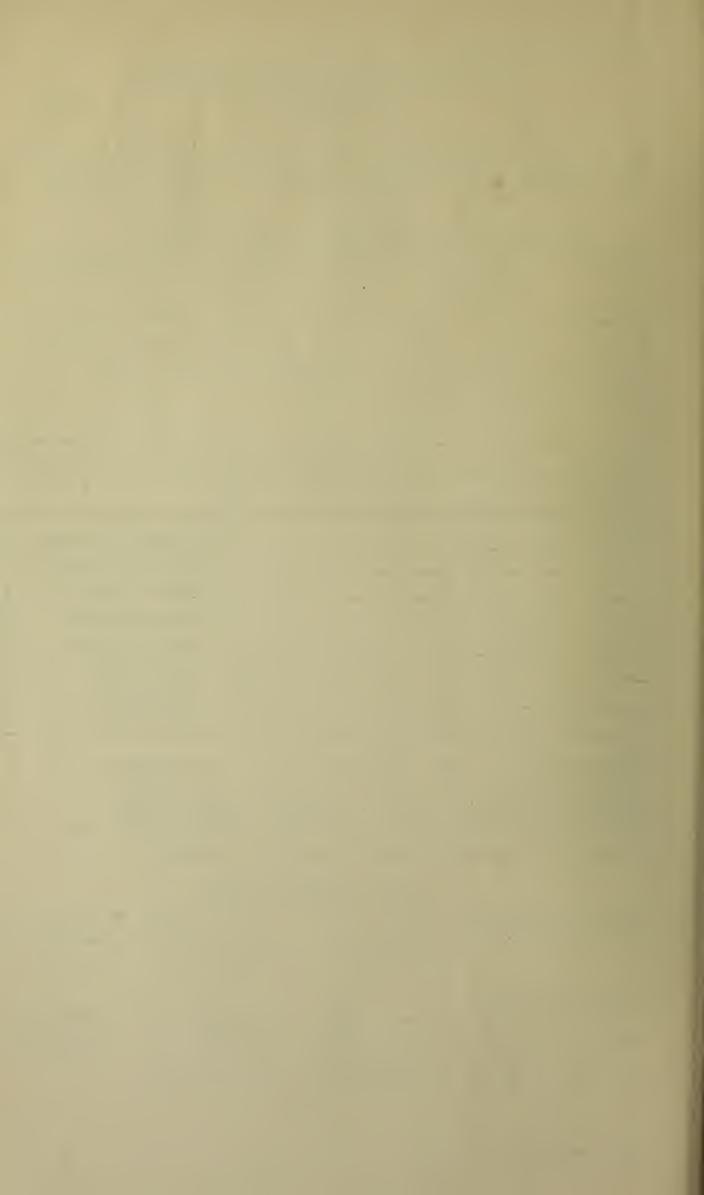
Mineral analysys on filtered sample.

Ca	Mg	Na	C03	S04	Cl	N03	Si 02	Hypothotical Combina	tions
80	7,1	53	141	45	45	0.0	12		1
80			120					Calcium Carbonate	200
	7,1		18					Magnesium Carbonate	25
		2	3					Sodium Carbonate	5
		22		45				Sodium Sulphate	67
		29			45			Sodium Chloride	74
							12	Salica	12
								Difference	12
		Tot	al sol	id con	stitu	ents d	riod a	t 180 C.	39 5

Hardness, Total: 230. Carbonate: 230. Non-Carbonate: 0. Nitrate Nitrogen: 0.0. Nitrite Nitrogen: Approx. 0.01. Ammoniacal Nitrogen: 0.046. Oxygon absorbed: 0.20. Albuminoid Nitrogen: 0.000. Residual Chlorine: 0.10. Metals: Iron: 0.45. Other metals absent. Flouride (F): 0.4. Ø Calculated from the calcium and magnesium contents.

BACTERIOLOGICAL RESULTS

Number of Colonies(on Agar per ml. in(l day at 37°C.	2 days at 37°C.	3 days at 20°C.
	Presont in	Absent from	Probable number
Prosumptive coli- aerogenes reaction	ml.	100 ml.	0 per 100 ml.
Bact. coli. (Typo 1)	ml.	100 ml.	0 per 100 ml.
Cl. wolchii reaction	100 ml.	10 ml.	



18

CLEAN FOOD BYELAWS

By claws relating to the clean handling, wrapping and delivery of food made by the Council in 1950 are in operation in the area and their import has publicly been notified through the press and by visits to food premises. In cases where the by claws were not observed attention was drawn to the matter, but it was not necessary to institute proceedings during the year.

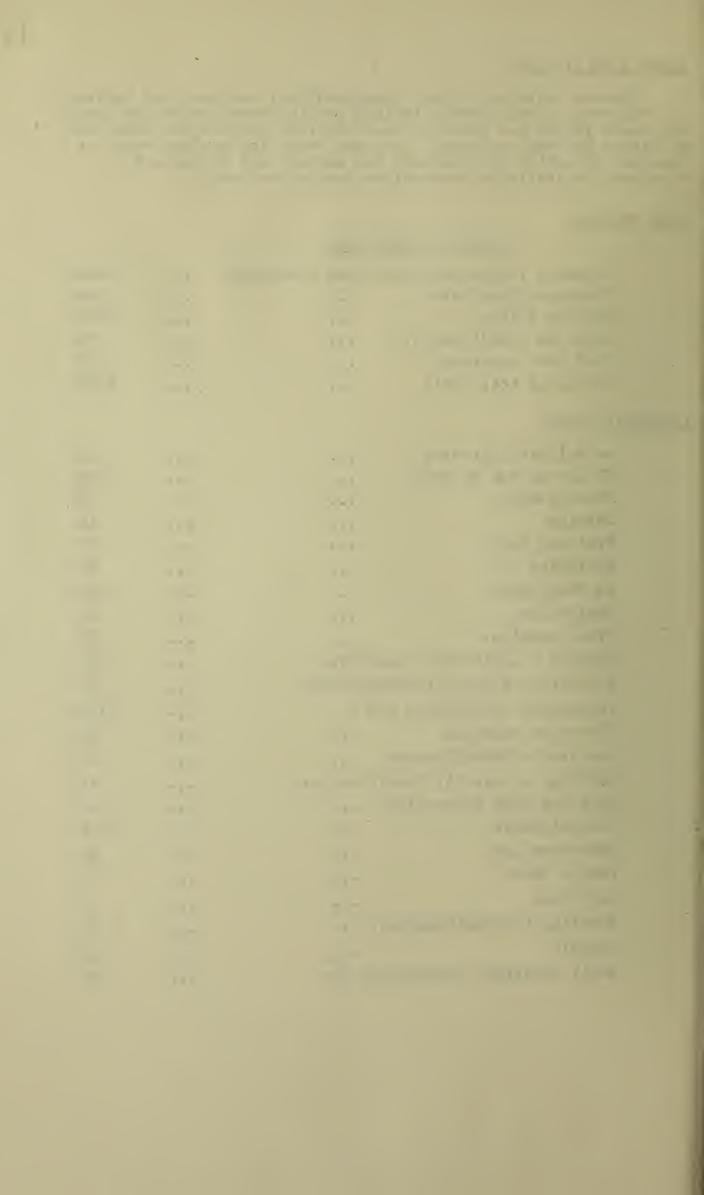
PEST CONTROL

INSPECTI

Record of Work Done

Premises Inspected (Visits	and Ro-visits)	• • •	1760
Premises disinfested	• 10 •	• • •	230
Baiting points	• • •	• • •	1252
Gassings (HCN)traps etc	• • •	• • •	71
Dead rats recovered	• • •	• • •	215
Estimated total kill	• • •	1	1150
ION WORK			
ro Building Licences	•••	• • •	22
Cleansing and Salvage	• • •	• • •	370
Conveniences	• • •	ა ♦ ♦	40
Dairies	• • •	• • •	14
Drainage tests	• • •	• • •	90
Factories	9 • •	• • •	68
re Food Gifts	• • •	• • •	148
Fumigations	• • •	• • •	41
Other premises	• • •	• • •	33
Housing - Application enqui	iries	• • •	559
Infectious disease investig	gations	• • •	76
Interviews on district etc	• • •	• • •	149
Ice-cream premises	• • •	• • •	60
Lectures - miscellaneous	• • •		16
Meetings - Council, Commit			85
Meat and Food inspections	•••		80
Miscellaneous	• • •		364
Petroleum Act			3 6
Police Court	1	•••	15
Rag Flock	•••	. • •	
	• • •	• • •	5
Sampling (bacteriological)	• • •	• • •	72
Schools	• • •	• • •	10

Small Dwellings Acquisition Act



SANITARY INSPECTIONS

Complaints	Vi sits &			Noti ces	003	
Received	Sit	Defect or Muisance	Inf	Informal	Statutory	tory
			Issued	Complied	Issuod	Complied
34	16	Accumulations	10	0.7	1	· 1
14	18	Animals kept	വ	4	i	ı
ı	24	Bakehouses	4	4	1	ı
1	18	Cosspools (sholition	n) 18	18	(abolition	no no
					provision	on of
		e e e e e e e e e e e e e e e e e e e			drainage	<u> </u>
五 114	135)	Drainage & Sewerage				
	٠,			23	i	1
-	^	defective/absent	16	í	16	4
1	148	Food Promises	16		1	ı
4	ω	Moveable Dwellings	H	ı	러	1
		Premises				
129	237	defective	81	62	9	2
98	38	dirty or verminous	12	디	 1	<u></u> 1
103	1768	Past Control	30	200	ı	t
		(inc. Rodent Operator	r)	P-4 = Bitter		
ı	41	Shops	11	0	1	ı
82	7	Snoke Nuisance	લ	Q	1	î
10	19	WCz - defective or	7	7	1	1
Ŋ	ري د	Water Supply	-	r-l	1	ı
	-					

* Figure includes "sewers" as defined in Public Health Act 1956, section 24. Chokages liberated by Council, no notices served.

